

Android – Setting up an MFA token in IdM

MFA in Android with FreeOTP+



Log in to the IdM portal (<https://www.idm.fau.de/>) in order to set up the software token.

The screenshot shows the IdM-Portal interface. At the top, there is a navigation bar with 'IdM-Portal' on the left and 'SELF SERVICE', 'REQUESTS/TASKS', and 'MAIL' on the right. The 'SELF SERVICE' item is highlighted with a red box and labeled (1). Below the navigation bar, there is a 'Welcome to the IdM-Portal' message and a 'Notifications' section. On the left side, there is a sidebar menu with 'Profile' and 'Security' sections. The 'Security' section is expanded, showing 'IdM password', 'Recovery e-mail', 'Multi-Factor Authentication', 'OpenPGP Keys', and 'Login Activity'. The 'Multi-Factor Authentication' option is highlighted with a red box and labeled (2).

Click on Self Service (1)
followed by Multi-Factor Authentication (2).

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Click on “Add software token”:

The screenshot shows the IdM-Portal interface for Multi-Factor Authentication. The top navigation bar includes 'IdM-Portal', 'SELF SERVICE', 'REQUESTS/TASKS', and 'MAIL'. Below this, the breadcrumb 'IdM-Portal / Multi-Factor Authentication' is visible. The main content area is titled 'Multi-Factor Authentication' and contains a help text box explaining MFA, a 'Tokenverwaltung' section with an 'Expert-mode' link, and a 'Software-tokens' section with a red circle around the '+ Add Software-token' button. To the right, there is an information box with links related to the security procedure, including 'Multi-Faktor-Authentifizierung', 'Multi-Factor Authentication instructions', 'Multi-Factor Authentication FAQs', and 'Recommended applications' (with sub-links for 'Android - FreeOTP+' and 'macOS, iOS und iPadOS - Passwords A'). At the bottom right, a 'Settings' section includes a message 'Please add at least one token' and an 'Enable MFA' checkbox.

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Give the token a name (e.g. “FreeOTP+ on cellphone 1”) (1) to ensure that you can identify the token easily later on, then click on “create” (2).

The screenshot shows the IdM-Portal interface. On the left is a navigation menu with 'Profile' and 'Security' sections. The main content area is titled 'Token' and shows a 'Software-token' form. The 'Token name*' field is highlighted with a red box and labeled (1), containing the text 'FreeOTP+ on cellphone 1'. Below the field are 'Create' and 'Cancel' buttons, with the 'Create' button highlighted by a red box and labeled (2).

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The screenshot shows the IdM-Portal interface. The top navigation bar includes 'IdM-Portal', 'SELF SERVICE', 'REQUESTS/TASKS', and 'MAIL'. The left sidebar contains a menu with categories: Profile (Data overview), Security (IdM password, Recovery e-mail, Multi-Factor Authentication, OpenPGP Keys, Login Activity), Settings & Applications (General settings, Private address, Profile photo, Payment information), and Privacy self disclosure.

The main content area is titled 'Token' and shows a 'Software-token' setup page. A QR code is displayed and circled in red. Below the QR code, the token details are shown: ID, TO: [redacted] 087, SECRET, and GLF6P [redacted] /6ESI. A message instructs the user to scan the QR-code with an Authenticator App and enter the generated OTP. An input field for the OTP is provided, along with 'Create' and 'Cancel' buttons.

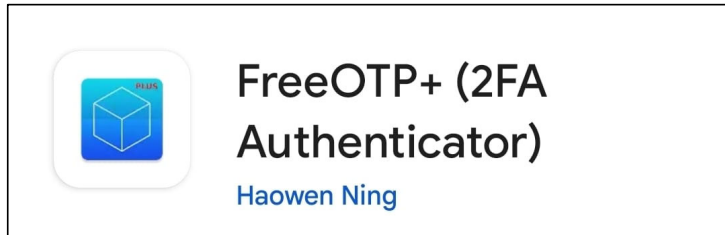
- In the next step, you are shown a QR code.

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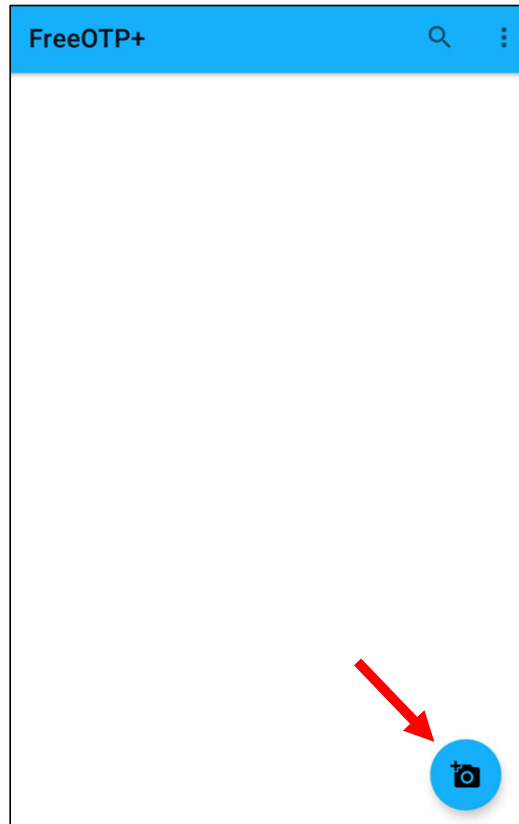


Download the free app “FreeOTP+” from the Google Play Store and launch the app after it has downloaded.



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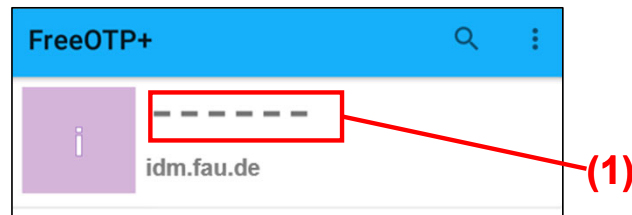
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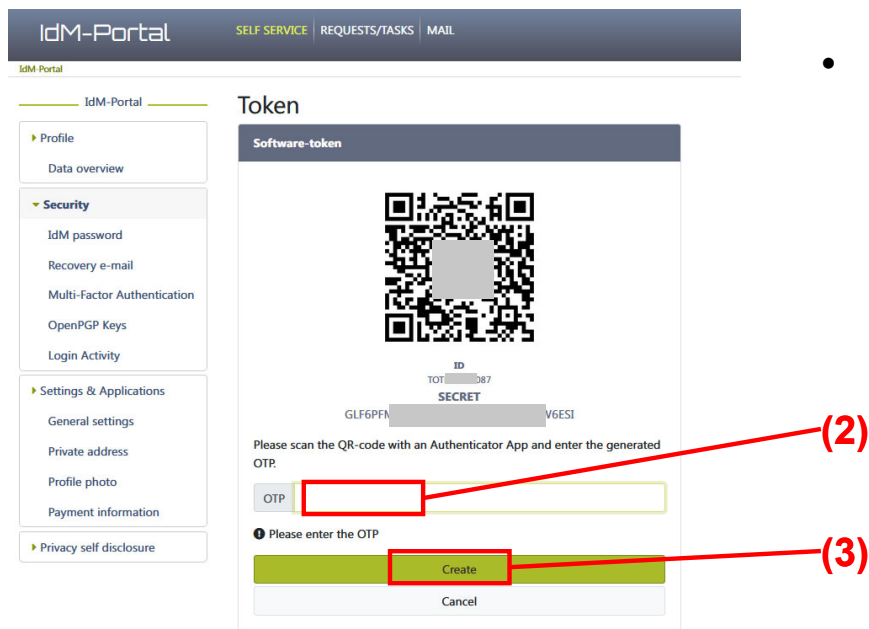
- Tip on the camera icon and scan the QR code from the IdM portal.
- You will then receive a message confirming that the token has been successfully created.

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- Tip on the token to create a one-time password (OTP) (1).
- Enter this OTP in the IdM portal in the box “OTP” (2).
- Click on “Create” (3) to complete the process.

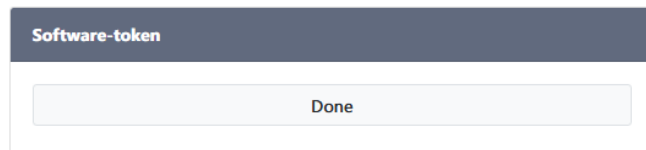


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Token



Once you see the message “done”, your MFA token has successfully been installed on your Android smartphone.

If you have not yet activated MFA, please check the box “Enable MFA”.

IdM-Portal SELF SERVICE REQUESTS/TASKS MAIL

IdM-Portal / Multi-Factor Authentication

Multi-Factor Authentication

Profile
Data overview

Security
IdM password
Recovery e-mail

Multi-Factor Authentication
OpenPGP Keys
Login Activity

Settings & Applications
General settings

Multi-Factor Authentication (MFA; encompassing Two-factor authentication or 2FA) is an electronic authentication method in which a user is granted access to a website or application only after successfully presenting two or more pieces of evidence (or factors) to an authentication mechanism: knowledge (something only the user knows), possession (something only the user has), and inherence (something only the user is).

Links related to this security procedure

- Multi-Faktor-Authentifizierung
- Multi-Factor Authentication instructions
- Multi-Factor Authentication FAQs
- Recommended applications
 - Android - FreeOTP+
 - macOS, iOS und iPadOS - Passwords App

Tokenverwaltung Expert-mode

Software-tokens

Icon	Name	Type	
		FreeOTP+ on cellphone 1	Software-token

[+ Add Software-token](#)

Settings

The management of MFA always requires an MFA token.

Enable MFA

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For the OTP, enter the code shown in your FreeOTP+ app (1) and click on “validate and activate”.

MFA is then activated for your account.

In order to ensure that you can remain able to work even if you do not have your Android cellphone to hand, please create a second software token that is not connected to your Android cellphone. Instructions are available at:

<https://www.anleitungen.rrze.fau.de/serverdienste/multifaktor-authentifizierung/>

